The listing of claims will replace all prior versions, and listings, of claims

in the application:

**Listing of Claims:** 

A method for selectively shadowing 1. (Currently Amended)

accesses to external storage media connected to a computer, the method

comprising: detecting a data access to an external storage medium; and writing

a copy of the accessed data to a storage location other than the external storage

medium without storing any intermediate copies or fragments thereof on the

external storage medium; wherein the detecting step comprises intercepting an

I/O request from the computer to an external storage media drive in which the

external storage media is inserted.

2. The method of claim 1 wherein the access is a (Previously presented)

write operation.

The method of claim 1 wherein the access is a 3. (Previously presented)

read operation.

4. (Canceled)

The method of claim 1 wherein the I/O request is 5. (Previously Presented)

one of the group consisting of a file open or creation request, a write request, a

file close request, a file system control request and a read request.

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- 6. (Previously presented) The method of claim 5 further comprising: providing a proxy handler for the I/O request; and executing the proxy handler, in response to the detecting step.
- 7. (Previously presented) The method of claim [4] <u>1</u> wherein the computer runs under an operating system and the I/O request is one of the group consisting of IRP\_MJ\_CREATE, IRP\_MJ\_WRITE, IRP\_MJ\_CLOSE, IRP\_MJ\_FILE\_SYSTEM\_CONTROL and IRP\_MJ\_READ packets.
- The method of claim 7 further comprising: 8. (Previously presented) IRP MJ CREATE, IRP\_MJ\_WRITE, providing proxy handlers for  $_{
  m the}$ IRP\_MJ\_CLOSE and IRP\_MJ\_FILE\_SYSTEM\_CONT- ROL packets; and executing one of the proxy handlers, in response to the detecting step when the I/O request is a respective packet selected from the group consisting of IRP\_MJ\_CLOSE IRP MJ WRITE, and IRP MJ\_CREATE, IRP\_MJ\_FILE\_SYSTEM\_CONTROL packets.
- 9. (Previously presented) The method of claim 8 further comprising: providing a proxy handlers for the IRP\_MJ\_READ packet; and executing the proxy handlers for the IRP\_MJ\_READ packet, in response to the detecting step when the I/O request is an IRP\_MJ\_READ packet.
- 10. (Previously presented) The method of claim 1 wherein the storage location other than the external storage media is a protected storage location.

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11. (Previously presented) The method of claim 1 further comprising:

writing the data to the external storage medium after the step of writing a copy

of the data to a storage location other than the external storage medium.

12. (Previously presented) The method of claim 1 further comprising:

attaching to one or more file systems connected to an external storage media

drive in which the external storage medium is inserted; and wherein the

detecting step comprises intercepting I/O requests to the one or more file

systems.

13. (Previously presented) The method of claim 1 wherein the external

storage medium is selected from the group consisting of a floppy disk; a CD, a

removable hard disk drive, and a zip disk drive.

14. (Previously presented) The method of claim 1 further comprising:

collecting the copy into a database where similar copies are collected; and

querying the database.

15. (Previously Presented) A method for selectively shadowing only

accesses to external storage media connected to a computer, the method

comprising:

detecting a data access to an external storage medium;

writing a copy of the accessed data to a storage location other than the

external storage medium;

collecting the copy into a database where similar copies are collected; and

querying the database;

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wherein the detecting step comprises intercepting an I/O request from the

computer to an external storage media drive in which the external storage media

is inserted:

wherein the database comprises records, each record comprising the

copied data, a file name associated with the data, an identification of who

initiated the data access, a station ID, and when the access was made.

The method of claim 14 wherein the computer is 16. (Previously presented)

connected to a computer network, and the detecting and copying steps are

performed at the computer, and the collecting and querying steps are performed

at another computer on the network.

The method of claim 14 wherein the collecting 17. (Previously presented)

and querying steps are performed by a user with administrator privileges.

A computer readable storage medium on which 18. (Currently Amended)

is embedded computer software, the software performing a method, the method

comprising: detecting a data access to an external storage medium; and writing a

copy of the accessed data to a storage location other than the external storage

medium without storing any intermediate copies or fragments thereof on the

external storage medium; wherein the detecting step comprises intercepting an

I/O request from the computer to an external storage media drive in which the

external storage media is inserted.

The computer readable storage medium of claim 19. (Previously Presented)

18 wherein the access is a write operation.

20. (Canceled)

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The computer readable storage medium of claim 21. (Previously Presented) 18 wherein the computer system runs under an operating system and the I/O request is one of the group consisting of IRP\_MJ\_CREATE, IRP\_MJ\_WRITE, IRP\_MJ\_CLOSE, IRP\_MJ\_FILE\_SYSTEM\_CONTROL and IRP\_MJ\_READ packets.

- An apparatus for selectively shadowing only 22. (Currently Amended) accesses to external storage media connected to a computer, the apparatus comprising: a detector that intercepts I/O requests from the computer to an external storage media drive in which the external storage media is inserted; and a storage, other than the external storage medium, connected to the detector, in which a copy of the accessed data is written without storing any intermediate copies or fragments thereof on the external storage media.
- The apparatus of claim 22 further comprising 23. (Previously presented) one or more proxy handlers connected to the detector, wherein the proxy handlers handle certain I/O requests.
- The apparatus of claim 23 wherein the certain 24. (Previously presented) I/O requests comprise IRP\_MJ\_CREATE, IRP\_MJ\_WRITE, IRP\_MJ\_CLOSE and IRP\_MJ\_FILE\_SYSTEM\_CONTROL packet.
- The apparatus of claim 24 wherein the certain 25. (Previously presented) I/O requests further comprise an IRP\_MJ\_READ packet.

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The apparatus of claim 23 further comprising: a 26. (Previously presented) list, connected to at least some of the one or more proxy handlers, in which file

identifiers are contained.

The apparatus of claim 26 wherein the file 27. (Previously presented)

identifiers are IRP.FsContext values.

The apparatus of claim 23 further comprising: 28. (Previously presented)

one or more counters, connected to at least some of the one or more proxy

handlers, by which certain file operations are counted.

The apparatus of claim 23 wherein the computer 29. (Previously presented)

runs under an operating system, and the one or more proxy handlers are

connected to I/O request packet drivers supplied by the operating system.

30. (Canceled)

31. (Previously Presented) The method of claim 1 wherein the external

storage medium is selected from the group consisting of a floppy disk; a writable

CD, a removable hard disk drive, and a zip disk drive.

The computer readable storage medium of claim 32. (Previously Presented)

18 wherein the external storage medium is selected from the group consisting of

a floppy disk; a writable CD, a removable hard disk drive, and a zip disk drive.

The apparatus of claim 22 wherein the external 33. (Previously presented)

storage medium is selected from the group consisting of a floppy disk; a writable

CD, a removable hard disk drive, and a zip disk drive.

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